

TITLE

A METHOD OF SELECTING A CHARGE TRANSPORT AND/OR ANTI-
QUENCHING MATERIAL

ABSTRACT OF THE INVENTION

A method for selecting charge transport and/or anti-quenching materials is presented. The method includes determining a first luminescence intensity I_0 of a luminescent material in the absence of the charge transport and/or anti-quenching material, determining a second luminescence intensity I_q of the luminescent material in the presence of the charge transport and/or anti-quenching material, and comparing the first luminescence intensity I_0 with the second luminescence intensity I_q to determine a luminescence quenching constant of the charge transport and/or anti-quenching material with respect to the luminescent material. A device made using charge transport and/or anti-quenching material selected using the selection method and a kit to practice the selection method.